

Serial No. 10/729,108
Atty. Doc. No. 2001P24347US

Amendments To The Claims:

Please amend the claims as shown. Applicant reserves the right to pursue any canceled claims at a later date.

1 – 5 (canceled)

6. (currently amended) A The flow control structure according to Claim 5 11, wherein it has a shower insert which is connected for flow engineering efficiency to a cooling fluid feed system routed through the flow control body and provided with a plurality of fine passage openings, said shower insert directing the cooling fluid entering for impingement cooling onto an impingement plate.

7. (currently amended) A The flow control structure according to Claim 6, wherein the shower insert is embodied as a plate shape, the flow control body has, on its side facing the shower insert, a folded-over edge on which the shower insert is supported, and the shower insert is connected to the flow control body.

8. (currently amended) A The flow control structure according to Claim 7, wherein the flow control body has, in a central area, a receptacle provided with a surrounding collar, into which receptacle, for the purpose of fixing the shower insert in position, a screw bolt introduced through this can be screwed, whereby in the assembled state the screw bolt presses the shower insert onto the collar.

9. (canceled)

10. (currently amended) A The flow control structure according to Claim 9 11, wherein the impingement plate is placed on top of an edge of the connecting piece surrounding the receptacle space and is welded to this edge, whereby the impingement plate has an access opening which can be closed by means of a plug in the area underneath which the screw bolt is disposed.

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11. (currently amended) A flow control structure according to Claim 9 for cooling fluid control in a combustion chamber with a closed cooling system for a turbine, comprising:
a flow control body for separate control of a cooling fluid inflow and a cooling fluid outflow for combustion chambers with a closed cooling system for turbines,
wherein the flow control body has a cross-section with a non-rotationally symmetrical cross-sectional shape in a flow control section and the flow control body with a figure-of-eight shaped cross-section is inserted into a circular opening of the connecting piece, whereby the circular opening surrounds the figure-of-eight shaped cross-section in the manner of a circumcircle, and the circular opening is inserted together with the figure-of-eight shaped cross-section of the flow control body in a circular recess in a combustion chamber wall in a sealing manner, whereby the flow control body subdivides the circular recess into four segments, of which two are connected to a cooling fluid feed system and two to a cooling fluid discharge system and the flow control body and a shower insert are inserted in a connecting piece in a receptacle space disposed in the connecting piece, whereby the flow control body has structures that engage with the connecting piece in order to transmit a force flow.

12. (currently amended) A The flow control body according to Claim 2 11, further comprising a plurality of passage openings in the flow control section to allow the passage of flowing cooling fluid.

13 - 17 (canceled)